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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Clifford A. Pemble et al.

Title: SPACE BASED AUGMENTATION SYSTEM WITH HIERARCHY FOR DETERMINING GEOGRAPHICAL CORRECTIONS SOURCE

Docket No.: 1528.020US1

Serial No.: 10/029,816

Filed: December 21, 2001

Due Date: N/A

Examiner: Unknown

Group Art Unit: 3644

Commissioner for Patents
Washington, D.C. 20231

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APR 18 2002

GROUP 3600

We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ Preliminary Amendment (10 Pages).
- ☒ Clean Version of Pending Claims (9 pgs.).

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on this 9th day of April, 2002.

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P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

S/N 10/029,816

PATENT

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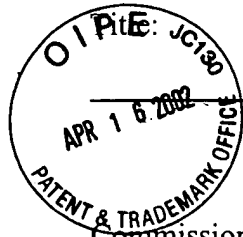
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PRELIMINARY AMENDMENT

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GROUP 3600

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 21-35. The specific amendments to individual claims are detailed in the following marked up set of claims.

1. A method, comprising:
receiving Space Based Augmentation System (SBAS) correction messages from a selected SBAS satellite;
determining whether at least one criterion is satisfied for using the selected SBAS satellite as a correction source; and
upon determining that the at least one criterion is not satisfied for using the selected SBAS satellite as a correction source, selecting a second SBAS satellite to be used as a correction source from which to receive SBAS correction messages.
2. The method of claim 1, wherein determining whether at least one criterion is satisfied for using the selected SBAS satellite as a correction source includes determining whether the selected SBAS satellite is sending SBAS correction messages.
3. The method of claim 1, wherein determining whether at least one criterion is satisfied for using the selected SBAS satellite as a correction source includes determining whether the SBAS correction messages received from the selected SBAS satellite are reliable.